

Abstract

Electromechanically Actuated Parking Brake for Motor Vehicles

B ^{An} ~~The invention proposes an~~ electromechanically actuated parking brake for motor vehicles ^N ~~that~~ consists of a drum brake and an actuating unit for actuating the drum brake, wherein the drum brake contains two brake shoes and an expanding lock that cooperates with the actuating unit via a power transmission element, and wherein the actuating unit is formed by an electric motor and a reduction gear that is arranged between the electric motor and the power transmission element.

B In order to reduce the axial length of the actuating unit, ^N ~~the invention proposes that~~ the rotor (12) of the electric motor (8) is respectively realized in hollow or tubular fashion and ^N radially encompasses the reduction gear (9).

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